Title: **SYSTEM AND METHOD FOR REMOTE CONFIGURATION OF DATA STORAGE SPACE**
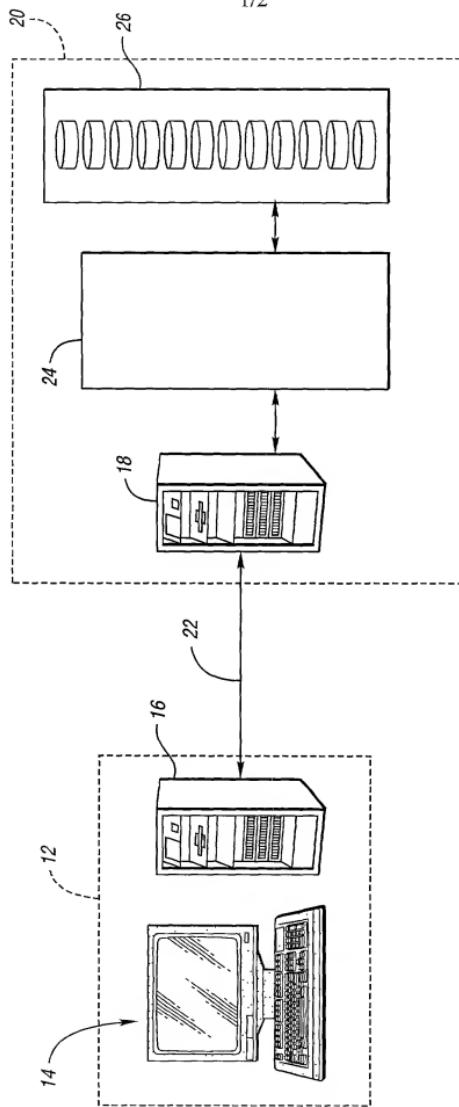First Named Inventor: **Thomas P. Fowler**
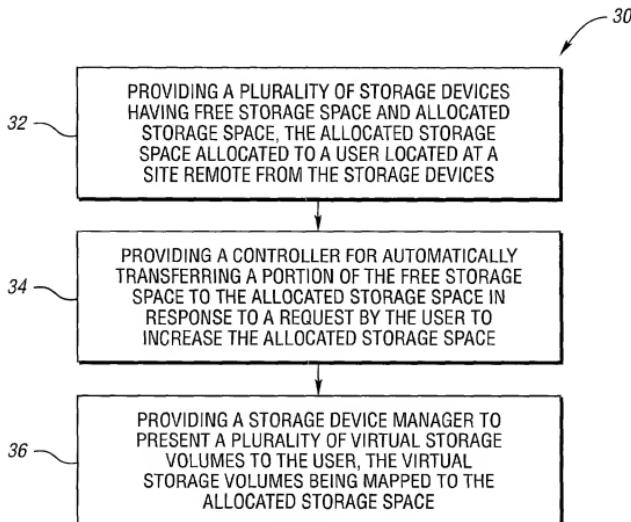Application Serial No.:   /   Atty. Docket No.: **2001-040-NSC**

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Fig. 1

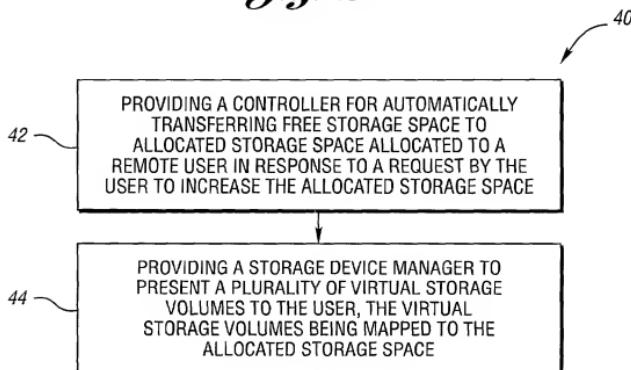Title: **SYSTEM AND METHOD FOR REMOTE CONFIGURATION OF DATA STORAGE SPACE**
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PROVIDING A PLURALITY OF STORAGE DEVICES
HAVING FREE STORAGE SPACE AND ALLOCATED
STORAGE SPACE, THE ALLOCATED STORAGE
SPACE ALLOCATED TO A USER LOCATED AT A
SITE REMOTE FROM THE STORAGE DEVICES

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PROVIDING A CONTROLLER FOR AUTOMATICALLY
TRANSFERRING A PORTION OF THE FREE STORAGE
SPACE TO THE ALLOCATED STORAGE SPACE IN
RESPONSE TO A REQUEST BY THE USER TO
INCREASE THE ALLOCATED STORAGE SPACE

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PROVIDING A STORAGE DEVICE MANAGER TO
PRESENT A PLURALITY OF VIRTUAL STORAGE
VOLUMES TO THE USER, THE VIRTUAL
STORAGE VOLUMES BEING MAPPED TO THE
ALLOCATED STORAGE SPACE

Fig. 2

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PROVIDING A CONTROLLER FOR AUTOMATICALLY
TRANSFERRING FREE STORAGE SPACE TO
ALLOCATED STORAGE SPACE ALLOCATED TO A
REMOTE USER IN RESPONSE TO A REQUEST BY THE
USER TO INCREASE THE ALLOCATED STORAGE SPACE

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PROVIDING A STORAGE DEVICE MANAGER TO
PRESENT A PLURALITY OF VIRTUAL STORAGE
VOLUMES TO THE USER, THE VIRTUAL
STORAGE VOLUMES BEING MAPPED TO THE
ALLOCATED STORAGE SPACE

Fig. 3